

INTERNATIONAL SEARCH REPORT

International Application No

T/NL2004/000369

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A63B9/00 A63H33/04 A63H33/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63B A63H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 1 324 886 A (ROULEAU HENRIETTE ; BROWN RICHARD A (CA)) 7 December 1993 (1993-12-07) the whole document	1,2,4, 7-13,17, 19,20 18
X	DE 296 09 784 U (ENS IRINA) 14 August 1996 (1996-08-14)	1,2,4, 7-13,17, 19,20 18
Y	US 5 334 098 A (HALL DANIEL R ET AL) 2 August 1994 (1994-08-02)	18
A	column 3, lines 54-61; figure 1	17,19
X	DE 473 249 C (HERBERT HEIN; JOSUA OERTLI) 13 March 1929 (1929-03-13) the whole document	1,2,7-9, 11,12, 14-16,20
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
29 September 2004	07/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax. (+31-70) 340-3016	Authorized officer Schut, T

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/187720 A1 (ENGLE PAUL D) 12 December 2002 (2002-12-12) abstract; figures	1,2,7, 9-12,14, 20
X	US 5 638 853 A (TSAI TONY M L) 17 June 1997 (1997-06-17) the whole document	1,2,7,8, 11,12, 15,20
X	US 4 900 183 A (SOUCHKO ALEXANDRE) 13 February 1990 (1990-02-13)	1,2,7,8, 11,12, 14,15,20
Y	the whole document	3,4
Y	US 5 356 354 A (OWENS KEVIN W) 18 October 1994 (1994-10-18) the whole document	3,4
A	EP 0 331 377 A (SUTCLIFFE GROUP LTD) 6 September 1989 (1989-09-06) the whole document	1-4,7,9
A	AU 610 485 B (MIDLAND BRICK CO) 16 May 1991 (1991-05-16) page 6, lines 1-5	6

INTERNATIONAL SEARCH REPORT

national Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
CA 1324886	A	07-12-1993	NONE			
DE 29609784	U	14-08-1996	DE DE	19546442 A1 29609784 U1		19-06-1997 14-08-1996
US 5334098	A	02-08-1994	NONE			
DE 473249	C	13-03-1929	NONE			
US 2002187720	A1	12-12-2002	NONE			
US 5638853	A	17-06-1997	DE AU AU CA EP WO US US	29605106 U1 722814 B2 2211997 A 2248896 A1 0885338 A1 9733059 A1 6035877 A 5701923 A		23-05-1996 10-08-2000 22-09-1997 12-09-1997 23-12-1998 12-09-1997 14-03-2000 30-12-1997
US 4900183	A	13-02-1990	FR EP	2625269 A3 0323372 A1		30-06-1989 05-07-1989
US 5356354	A	18-10-1994	NONE			
EP 0331377	A	06-09-1989	AU EP GB JP US	3083389 A 0331377 A2 2216023 A 2203887 A 4943046 A		19-10-1989 06-09-1989 04-10-1989 13-08-1990 24-07-1990
AU 610485	B	16-05-1991	AU	610485 B3		16-05-1991